

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NO. <b>410106.403USPC</b>
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/534,891</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US2003/036427</b>	INTERNATIONAL FILING DATE <b>November 12, 2003</b>	PRIORITY DATE CLAIMED <b>November 14, 2002</b>
<b>TITLE OF INVENTION</b> <b>PROPORTIONING, REGENERATIVE, ROTARY PUMP</b>		
<b>APPLICANT(S) FOR DO/EO/US</b> <b>Buddy Don GRAY</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: Copy of Notification of Missing Requirements; Petition for Extension of Time.</li> </ol>		

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/534,891		INTERNATIONAL APPLICATION NO. PCT/US2003/036427	ATTORNEY'S DOCKET NUMBER 410106.403USPC	
The following fees are submitted				
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....		\$300.00	\$ .00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....		\$ 0.00		
All other situations.....		\$200.00	\$200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by the IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		\$ 0.00		
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....		\$100.00		
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....		\$400.00		
All other situations.....		\$500.00	\$100.00	
		<b>TOTAL OF 21, 22 AND 23 =</b>	<b>\$300.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
- 100 =	/50 =		X \$250.00	\$ .00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$ .00	
Claims	Number Filed	Number Extra	Rate	
Total Claims	20 - 20 =	0	x \$ 50.00	\$ .00
Independent Claims	2 - 3 =	0	x \$ 200.00	\$ .00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$ .00
		<b>TOTAL OF ABOVE CALCULATIONS =</b>	<b>\$300.00</b>	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			<b>\$150.00</b>	
		<b>SUBTOTAL =</b>	<b>\$150.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+ \$ .00		
		<b>TOTAL NATIONAL FEE =</b>	<b>\$150.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$ .00		
Fee for extension of time to respond to Notification of Missing Requirements (37 CFR 1.136(a)). A Petition for Extension of Time is included.		+ \$795.00		
		<b>TOTAL FEES ENCLOSED =</b>	<b>\$945.00</b>	
		<b>Amount to be refunded:</b>		
		<b>Amount to be Charged:</b>		

03/22/2007 MKAYPAGH 00000034 10534891

01 FC:2633                    100.00 OP  
02 FC:2641                    50.00 OP

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/534,891	INTERNATIONAL APPLICATION NO. PCT/US2003/036427	ATTORNEY'S DOCKET NUMBER 410106.403USPC
<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$945.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <b>19-1090</b> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit <b>any</b> overpayment to Deposit Account No. <b>19-1090</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p>e. <input checked="" type="checkbox"/> If there is a deficiency in the basic national fee, the Commissioner is authorized to charge such deficiency to Deposit Account No. 19-1090. A duplicate of this sheet is enclosed. This is <b>not</b> a general authorization to charge the Deposit Account for any extra claim, examination, search or extra sheet fees.</p>		
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b></p>		
SEND ALL CORRESPONDENCE TO:		
<p><u>E. Russell Tarleton</u>  <b>E. Russell Tarleton</b>          Seed Intellectual Property Law Group PLLC          701 5<sup>th</sup> Avenue, Suite 5400          Seattle, WA 98104          United States of America          (206) 622-4900</p>		
<p><u>E. Russell Tarleton</u>  <b>E. Russell Tarleton</b>          NAME</p>		
<p><u>31,800</u>  <b>31,800</b>          REGISTRATION NUMBER</p>		

923426\_1.DOC

(07/05)



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/534,891	Buddy Don Gray	410106.403USPC
		INTERNATIONAL APPLICATION NO.
		PCT/US03/36427
		I.A. FILING DATE      PRIORITY DATE
		11/12/2003      11/14/2002
CONFIRMATION NO. 1814		
371 FORMALITIES LETTER		
 *OC000000020481148*		

Date Mailed: 09/19/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 05/12/2005
- Copy of the International Search Report filed on 05/12/2005
- U.S. Basic National Fees filed on 05/12/2005
- Priority Documents filed on 05/12/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$150 for a Small Entity:

- The application search fee has not been paid. Applicant must submit \$50 to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.
- The application examination fee has not been paid. Applicant must submit \$100 to complete the examination fee for a small entity in compliance with 37 CFR 1.27. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

INDIA L EVANS

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Telephone: (703) 308-9140 EXT 212

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/534,891	PCT/US03/36427	410106.403USPC

FORM PCT/DO/EO/905 (371 Formalities Notice)